

Antec ATX12V / 2.03 Power Supply User's Manual

The power supply you have just purchased should be either an ATX 2.03 or an ATX12V form factor power supply. An ATX 2.03 compliant power supply has a single 20-pin Main Power Connector and a 6-pin AUX Power Connector to the motherboard. It also comes with six to eight 4-pin Peripheral Power Connectors and one to two 4-pin Floppy Drive Power Connectors to your drives.

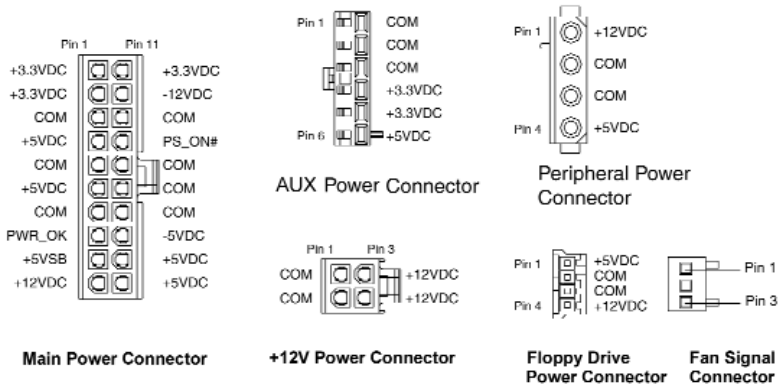
An ATX12V power supply has a single 20-pin Main Power Connector, a 6-pin AUX Power Connector and a 4-pin +12V Power Connector to the motherboard. It also comes with six to eight 4-pin Peripheral Power Connectors and one to two 4-pin Floppy Drive Power Connectors to your drives. It is a backwards compatible power supply. If your motherboard does not support the AUX Power Connector or the +12V Power Connector, you can still use this power supply.

This power supply is equipped with an intelligent electronic circuit that senses the temperature of the power supply and regulates the speed of the fan. The speed of the power supply fan increases as temperature rises. The power supply is also equipped with a 3-pin fan signal connector. Connect it to one of the fan connectors on your motherboard. You may monitor the fan speed of the power supply through your motherboard BIOS or through the monitoring software that comes with your motherboard. The power supply comes with a main switch. Make sure you turn the switch to ON position before you boot up your computer for the first time. Do not turn the switch to OFF position since the power supply is equipped with soft on/off feature which turns you computer on and off through the soft switch on your computer case. You may need to turn the switch to OFF position occasionally if your computer crashes and you cannot shut down the computer through the soft switch.

Installation: Check the power supply voltage before installation. It should be the same as your local power voltage (115V for USA and 230V for most of the European countries). Change the voltage setting if necessary.

1. Disconnect the power cord from your old power supply.
2. Follow your computer case manual and open the case.
3. Disconnect all the power Connectors from the motherboard and the peripheral devices such as hard drives, floppy drives, etc.
4. Remove the existing power supply from your computer case and replace it with the Antec power supply.
5. Connect the Power Connectors to your motherboard and peripheral devices.
6. Connect the 3-pin fan signal connector to one of the fan connectors on the motherboard.
Note: You do not need to connect the 3-pin fan signal connector in order to make the power supply work if you choose not to monitor the speed of the fan.
7. Close the computer case.
8. Connect the power cord to the Antec power supply

The ATX12V Power Supply Connector:



conn09008P5a

ATX and ATX12V Power Supply Connectors (Pin-side view, not to scale)